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ANNUAL, 1973

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TABLE OF CONTENTS

Page

SUMMARY 7-8

POPULATION

Estimates For Census Divisions And Alberta, 1966, 1970 - 1973. 9

Vital Statistics, 1966, 1970 - 1973 9

Statistics Canada Population Projections For Alberta, 1975 - 1986 10

LABOUR

Labour Force And Related Data, Alberta, 1961 - 1973 11

Labour Force And Related Data, Alberta, (Seasonally Adjusted) 1972 - 1973 12

Sub-Provincial Labour Force Participation And Unemployment Rates, Alberta, 1970 - 1973 (Not Seasonally Adjusted) 12

Unemployment Insurance Commission Operating Statistics, Alberta, 1969 - 1973 12

Employed Labour Force By Industry, Alberta Annual Averages, 1970 - 1973. 13

Employed Labour Force By Occupation, Alberta, Annual Averages, 1973 13

Employment Earnings And Hours In Larger Firms, Alberta, 1961 And 1970 - 1972 14

Employment Indexes In Larger Firms, Alberta, 1961 And 1970 - 1972. 14

THE ECONOMY

Economic Accounts, Alberta, 1947 - 1973

Introduction 15-17

Table 1 Comparison Of Gross Domestic Products Of Alberta And Canada 18

Table 2 Consolidated Production Account - Revenue From Domestic Production 19

Table 3 Consolidated Production Account - Primary Expenses Arising From Domestic Production 20-21

Table 4 Income Account, Personal Sector 22-23

Table 5 Outlay Account, Personal Sector 24-25

Table 6 Income And Outlay Account, Government Sector 26-27

Table 7 Income Account, Business Sector 28-29

Table 8 Outlay Account, Business Sector 30-31

Table 9 Income And Outlay Account, Federal Government Sector 32-33

Table 10 Government Revenue, Expenditure, And Surplus Or Deficit By Level Of Government 34-39

Private And Public Investment, Alberta, 1971 - 1974 40

Net Value Of Production In Commodity Producing Industries, Alberta, 1970 - 1973 40

TABLE OF CONTENTS (continued)

Page

Principal Economic Indicators, Alberta, 1970 - 1973 41

Consumer Price Index And Component Items For Calgary - Edmonton, Annual Averages, 1970 - 1973 41

Petroleum And Natural Resources

Alberta Mineral Production, 1963 - 1973 42

Alberta Production Summary, 1963 - 1973 42

Disposition Of Crude Oil And Equivalent, Alberta, 1963 - 1973 43

Disposition Of Natural Gas, Alberta, 1963 - 1973 43

Disposition Of Propane, Alberta, 1963 - 1973 44

Disposition Of Butane, Alberta, 1963 - 1973 44

Disposition Of Sulphur, Alberta, 1963 - 1973 45

Disposition Of Coal, Alberta, 1963 - 1973 45

Forestry And Trapping

Pulpwood, Alberta, 1970 - 1973 45

Fur (Wild Life) Pelts, Alberta, 1970 - 1973 45

Construction

Value Of Construction Work Performed By Detailed Type Of Construction, Alberta, 1963 - 1973 46

Dwelling Starts By Month, Alberta, 1969 - 1973 46

Housing Statistics, Alberta, 1970 - 1973 47

Value Of Building Permits Issued In Census Divisions And By Cities, Alberta, 1970 - 1973 47

Manufacturing

Value Of Manufacturers' Shipments, Alberta, 1963 - 1973 48

Shipments By Selected Manufacturing Industries, Alberta, 1970 - 1973 49

Agriculture

Farmers' Cash Receipts, Alberta, 1970 - 1973 50

Shipments Of Grain From Alberta Country Elevators, 1970 - 1973 50

Total Livestock Marketed At Stockyards And Packing Plants, Alberta, 1970 - 1973 50

Trade

Retail, Alberta, 1970 - 1973 51

Wholesale, Alberta, 1972 - 1973 51

Travel

Foreign Vehicles Entering Through Alberta Border Points, 1970 - 1973 52

Persons Entering Through Customs Ports In Alberta, 1970 - 1973. 52

Visitors To National Parks, Alberta, 1970 - 1973 52

SUMMARY

Preliminary and final 1973 statistics indicate dollar volumes increased in all industry sectors. Reported increases were 39% to $2,748 million in mineral production, 10% to $2,173 million in the value of construction, 20% to $2,876 million in the value of manufacturers' shipments, 32% to $1,220 million in farmers' cash receipts, and 13% to $3,139 million in retail sales.

Physical volume increases did not parallel dollar volume increases over the year. For example, in the manufacturing sector, throughput of packing plants decreased slightly, and dollar volume increased by 30%, and in the retail sector, the number of new motor vehicles sold increased by 14% and the dollar volume by 24%.

POPULATION

Alberta's population at June 1, 1973 was estimated by Statistics Canada to be 1,623,000, an increase of 1.7% over 1972. Population changes by Census Division (C.D.) ranged between a slight decline in C.D. 11 to an increase of 7.7% in C.D. 15 over the same period.

LABOUR FORCE

The average number of persons in the labour force increased from 663,000 in 1971 to 688,000 in 1972, and to 718,000 in 1973; the average numbers employed in each of the years were 633,000, 657,000 and 689,000, respectively.

GROSS DOMESTIC PRODUCT

Alberta's Gross Domestic Product (GDP) at market prices increased by 15% from 1972 to $9.8 billion in 1973. In terms of revenue from domestic production, the largest absolute increase in GDP in 1973 was recorded in "sales to persons", up by $480 million, or 11% from $4.4 billion in 1972. The greatest change in primary expenses was noted in "wages, salaries, and supplementary income", an increase of $510 million to $4.7 billion.

PETROLEUM AND NATURAL RESOURCES

The value of mineral production in Alberta is estimated by Statistics Canada to be $2,748 million - an increase of $769 million over 1972. According to the estimates, Alberta now accounts for 33% of the value of Canada's mineral production.

Pulpwood production in 1973 was valued at $9.9 million, an increase of 49% over 1972. The value of fur (wild life) pelts increased by 69% in 1973 from 1972 to $6.4 million, compared with a decline of 7.5% in the number of pelts produced.

CONSTRUCTION

Statistics Canada and the Department of Industry, Trade and Commerce estimated the value of construction would total $2,173 million in Alberta in 1973. The $2,173 million compares with $1,966 million in 1972; and with $1,846 million in 1971.

The value of building permits issued by municipal authorities was $763 million. The major cities, Calgary and Edmonton, accounted for 55% of the total, and other cities for 12%.

MANUFACTURING

The value of manufacturing output rose to $2.9 billion over the revised 1972 figure of $2.4 billion. The major increases are attributed to food and beverage manufacturing - up by $220 million; primary metals group - up by $36 million; transportation equipment group - up by $26 million; non-metallic products group - up by $19 million; and petroleum refining - up by $29 mil-

lion. Other industry groups showed more modest increases in absolute terms.

The major increases in value of manufactured goods occurred in meat processed by packing plants, sawmill products, mobile homes, trailers, prefabricated housing, construction materials, and refined petroleum products.

AGRICULTURE

Over the January-December period, income from livestock and products rose by $228 million and income from field crops increased by $135 million. As a result, total farmers' cash receipts surpassed $1 billion for the first time.

Sales of farm implements increased by 40%, from $103 million to $145 million over the same period.

TRAVEL

Visitors from the United States and foreign vehicles entering Alberta through Alberta border points in 1973 increased by 15% and 17%, respectively over 1972. Total overseas visitors increased by 14% and visitors to national parks increased by 8% for the same period.

POPULATION

	1966	1970	1971	1972	1973*
			(in thousands)		
Population Estimates					
Alberta Total for June 1	1,463	1,595	1,628	1,655	1,683
Census Divisions*					
1	38,858	39,500	39,200	38,300	40,200
2	82,719	87,600	86,600	85,700	88,600
3	29,592	32,300	30,900	31,100	31,500
4	14,224	13,300	13,000	12,100	13,000
5	35,987	35,600	34,500	33,700	35,200
6	369,140	434,800	447,100	460,800	469,300
7	40,833	38,500	38,300	38,000	38,700
8	83,912	87,000	85,600	84,600	86,200
9	18,122	20,800	19,800	19,600	19,700
10	70,211	66,300	65,500	65,100	66,500
11	476,053	520,200	552,500	573,100	571,600
12	50,635	56,500	54,600	54,400	55,800
13	44,142	45,200	43,800	42,500	44,200
14	20,431	21,900	21,700	21,600	22,400
15	88,344	95,600	94,800	93,300	100,500

* Preliminary

Vital Statistics						
Marriages	No.	11,827	15,479	15,845	16,150	15,489
Births	No.	30,195	31,944	31,043	28,887	29,416
Deaths	No.	9,682	10,101	10,666	10,855	10,784
Natural Increase	No.	20,513	21,843	20,377	18,032	18,632

Sex and Age	Projection B*				Projection C*			
	1975	1976	1981	1986	1975	1976	1981	1986
		(in thousands)				(in thousands)		
0 - 4	76.9	77.5	95.0	106.7	75.4	74.7	80.4	88.1
5 - 9	81.4	79.8	79.9	97.4	81.4	79.8	77.1	82.8
10 - 14	94.6	93.7	81.5	81.6	94.6	93.7	81.5	78.8
15 - 19	92.9	94.8	95.2	83.1	92.9	94.8	95.2	83.1
20 - 24	82.0	84.9	98.0	98.4	82.0	84.9	98.0	98.4
25 - 29	71.4	74.5	89.0	102.0	71.4	74.5	89.0	102.0
30 - 34	59.8	62.6	77.2	91.6	59.8	62.6	77.2	91.6
35 - 39	51.3	52.2	64.0	78.5	51.3	52.2	64.0	78.5
40 - 44	51.6	51.8	52.8	64.4	51.6	51.8	52.8	64.4
45 - 49	48.5	49.2	51.5	52.5	48.5	49.2	51.5	52.5
50 - 54	42.1	43.3	48.2	50.4	42.1	43.3	48.2	50.4
55 - 59	35.2	35.9	41.4	46.1	35.2	35.9	41.4	46.1
60 - 64	30.0	30.7	33.4	38.5	30.0	30.7	33.4	38.5
65 - 69	23.2	23.7	27.3	29.7	23.2	23.7	27.3	29.7
70 - 74	17.8	18.3	19.7	22.7	17.8	18.3	19.7	22.7
75 - 79	11.0	11.4	13.8	14.9	11.0	11.4	13.8	14.9
80 - 84	6.8	6.7	7.4	9.0	6.8	6.7	7.4	9.0
85 - 89	3.7	3.7	3.4	3.8	3.7	3.7	3.4	3.8
90 +	1.5	1.6	1.8	1.8	1.5	1.6	1.8	1.8
Male	881.7	896.3	980.5	1,073.0	880.2	893.4	963.0	1,037.0
0 - 4	72.4	73.3	89.9	101.0	71.1	70.5	76.0	83.4
5 - 9	78.1	75.9	75.3	92.0	78.1	75.9	72.6	78.1
10 - 14	90.8	90.1	77.4	76.8	90.8	90.1	77.4	74.1
15 - 19	88.3	90.0	91.5	78.9	88.3	90.0	91.5	78.9
20 - 24	80.0	82.1	93.5	94.9	80.0	82.1	93.5	94.9
25 - 29	72.3	75.3	85.8	97.2	72.3	75.3	85.8	97.2
30 - 34	58.0	61.0	77.5	87.9	58.0	61.0	77.5	87.9
35 - 39	48.9	50.2	62.1	78.5	48.9	50.2	62.1	78.5
40 - 44	46.9	47.4	50.8	62.6	46.9	47.4	50.8	62.6
45 - 49	45.2	45.4	47.4	50.8	45.2	45.4	47.4	50.8
50 - 54	42.4	43.4	45.1	47.2	42.4	43.4	45.1	47.2
55 - 59	35.4	36.4	42.7	44.4	35.4	36.4	42.7	44.4
60 - 64	30.3	31.3	35.5	41.6	30.3	31.3	35.5	41.6
65 - 69	23.2	24.2	29.8	33.8	23.2	24.2	29.8	33.8
70 - 74	17.7	18.4	22.2	27.5	17.7	18.4	22.2	27.5
75 - 79	12.5	13.0	16.1	19.4	12.5	13.0	16.1	19.4
80 - 84	8.1	8.4	10.0	12.4	8.1	8.4	10.0	12.4
85 - 89	4.5	4.6	5.4	6.7	4.5	4.6	5.4	6.7
90 +	2.0	2.0	2.7	3.7	2.0	2.0	2.7	3.7
Female	857.0	872.4	960.7	1,057.5	855.6	869.6	944.1	1,023.3
TOTAL	1,738.6	1,768.6	1,941.2	2,130.5	1,735.8	1,763.1	1,907.1	2,060.2

* Note: Projection sets B and C have been selected from the four sets published in Population Projections for Canada and the Provinces 1972 - 2001, Cat. No. 91-514 (Occasional), Statistics Canada.

The provincial projections were determined by apportioning to the provinces the in and out migration, fertility rates and mortality rates assumed to hold for Canada. It is therefore difficult to assess the validity of these assumptions for one province in isolation. It is felt, however, that the results of projection series B or C may be used with reasonable confidence.

Projection A is based on net annual in migration of 14,500 and high fertility.
B is based on net annual in migration of 9,000 and medium fertility.
C is based on net annual in migration of 9,000 and low fertility.
D is based on net annual in migration of 7,500 and low fertility.

LABOUR FORCE AND RELATED DATA, ALBERTA 1961 – 1973 (Not Seasonally Adjusted)

	1961	1970	1971	1972	1973+
			(in thousands)		
Population 14 Years of Age and Over					
– Total	955	1,080	1,116	1,148	1,182
– Men	486	547	565	580	597
– Women	469	533	551	567	585
– 14 to 24 Years of Age	252	311	325	337	348
– 25 Years of Age and Over	703	769	791	810	834
Labour Force					
– Total	562	650	663	688	718 B
– Men	391	435	446	461	475 B
– Women	171	215	217	227	244 C
– 14 to 24 Years of Age	133	176	179	188	202 C
(a) 14 to 19 Years of Age	...	...	...	90	97 D
(b) 20 to 24 Years of Age	...	...	...	99	105 C
– 25 Years of Age and Over	428	474	484	500	516 B
(a) 25 to 44 Years of Age	...	...	...	288	299 C
(b) 45 to 64 Years of Age	...	...	...	196	202 C
(c) 65 Years of Age and Over	...	...	...	16	15 E
Employed Labour Force					
– Total	549	622	633	658	689 C
– Men	381	414	424	440	454 B
– Women	169	207	208	218	235 C
– 14 to 24 Years of Age	129	163	164	173	188 D
(a) 14 to 19 Years of Age	...	...	...	81	90 D
(b) 20 to 24 Years of Age	...	...	...	92	98 D
– 25 Years of Age and Over	421	459	469	485	501 C
(a) 25 to 44 Years of Age	...	...	...	278	291 C
(b) 45 to 64 Years of Age	...	...	...	191	196 C
(c) 65 Years of Age and Over	...	...	...	16	15 E
-Agriculture	94	94	93	94	93 E
-Non-Agriculture	455	528	540	563	596 C
-Paid Workers	425	498	503	529	557 C
Non-Agriculture	...	...	...	512	542 C
Unemployed Labour Force					
– Total	13	28	31	31	29 E
-Men	10	21	22	21	20 F
-Women	...	7	9	9	9 F
– 14 to 24 Years of Age	5	14	15	15	14 F
– 25 Years of Age and Over	8	14	16	15	16 F
Not in the Labour Force					
– Total	393	430	453	460	464 C
-Men	95	112	119	120	123 D
-Women	298	318	334	340	341 C
Labour Force Participation Rate %	58.8	60.2	59.4	59.9	60.7
Labour Force Unemployment Rate %	2.3	4.3	4.7	4.5	4.0

+ The alphabetic symbol following each survey figure indicates there is a probability of .68 that the corresponding census figure would have fallen within the limits shown below:

A ± 0.5%
B ± 1.0%
C ± 2.5%
D ± 5.0%
E ± 10.0%
F ± 16.5%
G ± 25.0%

LABOUR FORCE AND RELATED DATA, ALBERTA, 1972 - 1973 (Seasonally Adjusted)

	Labour Force Total	Employed Labour Force	Unemployed Labour Force	Participation Rate Labour Force	Unemployment Rate
	('000)	('000)	('000)	(%)	(%)
1972					
January	673	646	27	59.4	4.0
February	677	650	27	59.6	4.0
March	674	650	24	59.2	3.6
April	691	662	29	60.3	4.2
May	680	650	30	59.6	4.4
June	691	660	31	60.4	4.5
July	690	660	30	60.0	4.3
August	693	659	34	59.9	4.9
September	697	663	34	60.4	4.9
October	694	659	35	59.9	5.0
November	696	661	35	60.0	5.0
December	703	668	35	60.5	5.0
1973					
January	722	686	36	62.0	5.0
February	717	685	32	61.4	4.5
March	719	691	28	61.2	3.9
April	715	690	25	60.6	3.5
May	714	686	28	60.7	3.9
June	721	695	26	61.2	3.6
July	703	675	28	59.4	4.0
August	715	677	38	60.1	5.3
September	725	691	34	60.9	4.7
October	721	691	30	60.4	4.2
November	726	697	29	60.7	4.0
December	729	708	21	60.9	2.9

SUB PROVINCIAL LABOUR FORCE PARTICIPATION AND UNEMPLOYMENT RATES (Not Seasonally Adjusted)

	1970	1971	1972	1973
CALGARY				
Labour Force Participation Rate	63.3	60.5	61.9	62.3 C
Labour Force Unemployment Rate	5.1	5.5	4.8	5.1 F
EDMONTON				
Labour Force Participation Rate	61.1	62.2	62.1	63.1 C
Labour Force Unemployment Rate	4.8	5.2	5.1	4.7 F
CENSUS DIVISION 5, 6 & 9				
Labour Force Participation Rate	61.7	59.9	61.2	60.8 C
Labour Force Unemployment Rate	4.8	5.0	4.5	4.8 F
CENSUS DIVISION 8 & 11				
Labour Force Participation Rate	60.9	61.2	61.3	63.1 C
Labour Force Unemployment Rate	4.3	4.9	4.7	4.2 F
CENSUS DIVISION 1, 2, 3, 4, 7, 10, 12, 13, 14, & 15				
Labour Force Participation Rate	57.7	56.5	57.1	57.9 C
Labour Force Unemployment Rate	3.7	3.8	3.9	3.1 F

UNEMPLOYMENT INSURANCE COMMISSION OPERATING STATISTICS, ALBERTA, 1969 - 1973

	1969	1970	1971*	1972*	1973
Average Claimants - Total ('000)	16	26	36	49	46
Average Claimants - Men ('000)	11	18	24	29	25
Average Claimants - Women ('000)	5	8	12	19	21
Benefit Weeks - Annual Total ('000)	627	948	1,266	1,717	1,376
Benefit Payments - Annual Total ($'000)	19,928	33,820	50,909	109,486	97,654

* The Unemployment Insurance Act, 1971, became effective June 27, 1971. Universal coverage became effective January 2, 1972.

EMPLOYED LABOUR FORCE BY INDUSTRY, ALBERTA, ANNUAL AVERAGES, 1970 - 1973

	Annual Average ('000)			
	1970	1971	1972	1973
GOODS PRODUCING	223	225	235	244
Agricultural	94	93	95	93
Other Primary	23	29	29	32
Manufacturing	63	60	63	69
Construction	43	43	49	50
SERVICE PRODUCING	399	407	423	445
Transportation, Communications & Other Utilities	54	56	59	61
Trade	106	111	115	125
Finance, Insurance & Real Estate	26	29	29	31
Community, Business & Personal Service	173	172	177	185
Public Administration	40	39	46	43
TOTAL	622	633	657	689

EMPLOYED LABOUR FORCE BY OCCUPATION, ALBERTA, ANNUAL AVERAGES, 1973

	Annual Averages 1973 ('000)
All Occupations	689
Managerial, Administrative	39
Natural Sciences, Engineering & Mathematics	26
Social Sciences	7
Religion	2
Teaching	29
Medicine & Health	32
Artistic, Literary & Recreational Occupations	6
Clerical	105
Sales	79
Service	83
Farming, Horticulture & Animal Husbandry	95
Fishing, Hunting & Trapping	-
Forestry	2
Mining & Quarrying	9
Processing	17
Machining	12
Product Fabricating, Assembling & Repairing	39
Construction Trades	55
Transport Equipment Operation	30
Materials Handling	15
Other Crafts & Equipment Operating	8

EMPLOYMENT EARNINGS AND HOURS IN LARGER FIRMS*, ALBERTA, 1961 And 1970 - 1972**

		1961	1970	1971	1972
Average Weekly Earnings by Industry for Alberta:					
Mining including Milling	$	111.35	184.74	198.89	216.09
Manufacturing	$	82.31	134.64	147.58	158.58
Construction	$	94.45	166.18	184.76	198.16
Transportation, Communication and Other Utilities	$	83.74	141.15	153.31	168.90
Trade	$	65.56	103.95	110.61	118.97
Finance, Insurance and Real Estate	$	69.48	114.12	120.36	131.49
Service	$	53.59	84.27	92.10	99.53
Industrial Composite	$	80.29	128.15	138.77	150.08
Average Hourly Earnings of Wage-Earners by Industry and Area:					
Mining Including Milling for Alberta	$	2.34	3.96	4.30	4.78
Manufacturing for Alberta	$	1.96	3.18	3.47	3.74
Manufacturing for Calgary	$	2.04	3.31	3.62	3.86
Manufacturing for Edmonton	$	1.96	3.16	3.45	3.77
Construction for Alberta	$	2.26	4.23	4.80	5.04
Construction for Calgary	$	2.25	4.42	4.90	5.27
Construction for Edmonton	$	2.24	4.30	4.62	5.03
Average Weekly Hours of Wage Earners by Industry and Area:					
Mining including Milling for Alberta		39.6	41.0	40.1	40.4
Manufacturing for Alberta		39.7	39.1	39.3	39.0
Manufacturing for Calgary		39.6	38.9	39.4	39.4
Manufacturing for Edmonton		39.9	39.3	39.5	39.1
Construction for Alberta		40.6	38.9	38.0	38.1
Construction for Calgary		35.5	36.1	35.1	37.4
Construction for Edmonton		39.5	36.8	36.7	37.3
Average Weekly Earnings for Selected Cities:					
Industrial Composite for Calgary	$	77.67	126.73	137.26	147.82
Industrial Composite for Edmonton	$	74.77	121.80	130.32	142.27
Industrial Composite for Lethbridge	$	-	104.44	110.61	123.19
Industrial Composite for Medicine Hat	$	-	110.68	118.87	128.08
Industrial Composite for Red Deer	$	-	105.73	116.92	128.19

* Generally companies having 20 or more employees in any month of the year.

EMPLOYMENT INDEXES IN LARGER FIRMS*, ALBERTA, 1961 And 1970 - 1972**

	1961	1970	1971	1972
Employment Indexes by Industry for Alberta:				
Mining Including Milling	100.0	136.5	138.4	146.1
Manufacturing	100.0	128.9	128.8	134.4
Construction	100.0	141.6	136.1	134.8
Transportation, Communication and Other Utilities	100.0	121.8	124.8	125.5
Trade	100.0	133.2	135.0	141.6
Finance, Insurance and Real Estate	100.0	152.7	158.7	160.7
Service	100.0	198.5	203.5	209.6
Industrial Composite	100.0	138.2	139.7	143.7
Employment Indexes for Selected Cities:				
Industrial Composite for Calgary (1961 = 100)	100.0	147.2	149.7	155.4
Industrial Composite for Edmonton (1961 = 100)	100.0	145.7	144.6	151.5
Industrial Composite for Lethbridge (1968 = 100)		127.4	138.3	143.3
Industrial Composite for Medicine Hat (1968 = 100)		101.5	102.1	106.5
Industrial Composite for Red Deer (1968 = 100)		162.9	169.8	194.1

* Generally companies having 20 or more employees in any month of the year.

** 1973 figures not yet available.

THE ECONOMY

INTRODUCTION

In the August, 1973 issue of the Alberta Statistical Review, preliminary Consolidated Production Account tables were published. This was the first attempt to measure the Gross Domestic Product (GDP) of Alberta. At that time, the GDP was measured using three methods - 1) value added by industry, 2) revenues from domestic production, and 3) primary expenses of production.

The "value added by industry" table does not appear in the present set of accounts due to difficulties in refining methodology and obtaining sufficient and reliable provincial detail by industry, especially for the service industries.

In addition, GDP was also estimated in constant (1961) dollars and presented in the August, 1973 issue. This table has also been omitted from the current set of accounts and will not be reintroduced until more suitable price deflators have been derived.

Data in the remaining two Consolidated Production Account tables have been revised back to 1947. These revisions have taken place as a result of better provincial data being available and improvements in certain estimating techniques.

Sectoral detail for Alberta has been introduced into this set of accounts and is explained on page 17. The sources and procedures of estimation of these accounts will be published, sector by sector, in future issues of the Alberta Statistical Review. These procedures will provide information concerning concepts and definitions as well as methods of calculation used in constructing the accounts.

PURPOSE

A commercial enterprise monitors its performance by a set of accounts, which record the details of the transactions in which it has participated. Similarly, the performance of an economy can be monitored by economic accounts, which record the aggregated transactions of all transactors.

Economic accounts have many uses whenever a rigorous and comprehensive statistical view of the economy is required. These range from determining certain aggregate statistics of general interest (such as the Gross National Product and Personal Income and Consumption) to providing the data base for highly sophisticated, computerized econometric models. One aggregate used to measure economic growth is the change in total production in the economy.

DEFINING PRODUCTION

Production is the creation of goods and services on which members of the community, or the community as a whole, set an economic valuation. Any process that creates value or adds value to already existing goods is production. The activities of labourers and entrepreneurs who produce and sell the entire range of goods and services; the activities of doctors, lawyers, entertainers, dry cleaners and all who provide services to households and businesses; and the activities of government are production. They, in various ways, create or improve goods and services, and hence add economic value.

Total product or value-added (that is, production of finished goods and services) can be separated into a quantity component (the number of units of various commodities) and a price

component. The price applied to the goods and services can be the current market price, or the market price which prevailed in some base year. Normally, annual production is measured in "current" dollars. If a single set of base-year prices is used for every year, then production is said to be measured in "constant" dollars. Measuring production in this way removes the component of growth that is due to inflation, leaving a measure of "real" economic growth. It should be noted that only goods and services legally exchanged for money in a market-place can be included.

THE ALBERTA GROSS DOMESTIC PRODUCT

Alberta's economic growth can be measured by Gross Domestic Product (Table 1), which indicates total production within the province. This should not be confused with the provincial equivalent of the Gross National Product (GNP), sometimes called the Gross Provincial Product (GPP), which would be the total production attributable to residents of Alberta. The GDP is a measure of economic activity and not a measure of economic well-being. For example, it measures total incomes accruing to production factors (labour and capital) because of economic activity within Alberta, and does not indicate whether these incomes are being collected by residents of Alberta. There would be many more conceptual and statistical problems in the estimation of the Alberta GNP. For this reason and because of its intrinsic interest, only the Alberta GDP estimate has been prepared.

MEASURING THE ALBERTA GDP

The Alberta GDP has been measured using two concepts. Table 2 illustrates measurement of the GDP by the first concept, which is a summing of the "revenues from domestic production" of finished goods and services. All production must eventually be sold, either for current consumption or for capital formation. Some commodities are sold several times as they pass through the production process, with each producer adding value to them. Thus, when they are sold to the ultimate consumer, their sale value should represent the total value that has been added during production. An estimate of total production can be obtained by summing these total final sales, adding inventory changes, and subtracting amounts paid out for imports to remove the amount of value that was added to the imports before they entered Alberta.

A total application of this method cannot be used since data relating to sales outside Alberta and imports into Alberta are not available. In Table 2, "Net Sales Outside Alberta" is derived residually. Thus, total GDP is obtained from the "Expenses of Production" method. However, since improvements have been made in estimating the other components of the accounts, the residual method now produces a better estimate of "Net Sales Outside Alberta".

The second concept is the "primary expenses of production" method. The value-added at each stage of the production process for any commodity is calculated by subtracting the value of purchases from other firms or suppliers from the selling price of the commodity at that stage. The difference so determined will be equal to the value at that stage of the production process of payments for labour, profits, depreciation and indirect taxes (such as Federal Sales Tax) less subsidies received. These are the amounts exceeding the value of purchases from other firms or suppliers which the producer must recover when he sells the commodities. The amounts are called the "primary expenses of production" and when summed for the economy as a whole, provide another GDP estimate for Alberta (Table 3). In other words, it breaks down total value-added by component for all of Alberta. These components are listed in the column headings of

Table 3. Capital consumption allowances are used as a proxy for depreciation because of statistical difficulties in the direct estimation of depreciation.

SECTOR ACCOUNTS

The components of aggregate output which are contained in the Consolidated Production Account are derived from a set of transactions among various sectors of the economy. There are essentially four sectors - Personal, Government, Business and Non-resident. The definitions of the various sectors attempt to follow the concepts used in preparing the Canadian National Accounts.

The Personal Sector comprises all individual persons and private non-profit organizations resident in Alberta.

The Government Sector includes all government departments and agencies at the provincial and municipal levels. Government enterprises which are profit oriented are included in the Business Sector. Hospitals are also included in the Government Sector from 1961 on. Prior to 1961 they were included in the Personal Sector.

The Business Sector is less well defined. At the national level, it consists of all types of enterprises which operate for gain. According to the "revenues from domestic production" concept described on page 15, the provincial business sector should include all enterprises resident in Alberta. Problems arise due to the presence of multi-provincial corporations and the resulting allocation of corporate profits. These problems are receiving continued attention.

Tables 4 through 8 provide the Income and Outlay Accounts of the Personal, Government and Business sectors.

The Non-resident Sector for Alberta would include the transactions with Albertans of all persons, governments and business enterprises located outside Alberta. However, due to the lack of data concerning Alberta's interprovincial and international trade, statistics describing this sector have not been developed.

A separate table has been constructed for the Federal Government Sector as it relates to Alberta. Essentially, the federal government is treated as a non-resident of Alberta. Thus, the Income and Outlay Account, Table 9, shows only those transactions between the federal government and the other three major sectors in Alberta.

Finally, Table 10 shows revenue and expenditure by level of government in Alberta. The federal government is excluded from this table.

In many of the sector tables, certain items have been consolidated in order to preserve confidentiality requirements.

TABLE 1

ECONOMIC ACCOUNTS OF ALBERTA

COMPARISON OF GROSS DOMESTIC PRODUCTS OF

ALBERTA AND CANADA

1947 - 1973

	Gross Domestic Product		Percent Change in G.D.P.		Alberta G.D.P. as Percent of Canada	Per Capita G.D.P.		
	Alberta	Canada	Alberta	Canada		Alberta	Canada	Ratio
	(Millions of Dollars)					(Dollars)		
1947	969	13,795			7.1	1,175	1,099	1.07
1948	1,131	15,817	16.8	14.7	7.2	1,325	1,233	1.08
1949	1,190	17,155	5.3	8.5	7.0	1,345	1,276	1.06
1950	1,344	18,916	13.0	10.3	7.1	1,472	1,380	1.07
1951	1,683	22,031	25.3	16.5	7.7	1,793	1,573	1.14
1952	1,886	24,912	12.1	13.1	7.6	1,939	1,723	1.13
1953	1,989	26,134	5.5	4.9	7.7	1,966	1,760	1.12
1954	1,934	26,257	-2.8	0.5	7.4	1,830	1,718	1.07
1955	2,210	28,913	14.3	10.1	7.7	2,026	1,824	1.10
1956	2,554	32,519	15.6	12.5	7.9	2,275	2,022	1.13
1957	2,569	34,076	0.6	4.8	7.6	2,207	2,052	1.08
1958	2,712	35,302	5.6	3.6	7.7	2,249	2,067	1.09
1959	2,870	37,455	5.9	6.1	7.7	2,300	2,142	1.08
1960	2,995	38,975	4.4	4.1	7.7	2,320	2,181	1.07
1961	3,168	40,368	5.8	3.6	7.9	2,379	2,213	1.08
1962	3,420	43,698	8.0	8.2	7.9	2,499	2,352	1.07
1963	3,672	46,825	7.4	7.2	7.9	2,618	2,473	1.06
1964	3,922	51,188	6.8	9.3	7.7	2,754	2,654	1.04
1965	4,298	56,384	9.6	10.2	7.7	3,006	2,870	1.05
1966	4,879	62,976	13.6	11.7	7.8	3,335	3,146	1.06
1967	5,188	67,678	6.4	7.5	7.7	3,482	3,321	1.05
1968	5,753	73,837	10.9	9.1	7.8	3,775	3,567	1.06
1969	6,373	81,057	10.8	9.8	7.9	4,088	3,860	1.06
1970	6,927	86,996	8.7	7.3	8.0	4,343	4,085	1.07
1971	7,540	94,870	8.9	9.1	8.0	4,632	4,398	1.06
1972	8,480	104,829	12.5	10.5	8.1	5,124	4,802	1.07
1973(1)	9,774	120,336	15.3	14.8	8.2	5,808	5,446	1.07

(1) Preliminary

TABLE 2

ECONOMIC ACCOUNTS OF ALBERTA

CONSOLIDATED PRODUCTION ACCOUNT

REVENUE FROM DOMESTIC PRODUCTION

1947 - 1973

Year	Sales to Persons	Sales to Government	Gross Fixed Capital Formation		Value of Physical Change in Inventories	Net Sales Outside Alberta (Residual)	Gross Domestic Product at Market Prices	Year
			Business	Government				
			(Millions of Dollars)					
1947	592	53	196	27	27	74	969	1947
1948	694	66	226	39	19	87	1, 131	1948
1949	784	74	286	44	-39	41	1, 190	1949
1950	854	92	344	49	54	-49	1, 344	1950
1951	938	105	384	60	148	48	1, 683	1951
1952	1, 042	127	491	80	82	64	1, 886	1952
1953	1, 123	162	591	73	99	-59	1, 989	1953
1954	1, 166	166	527	83	-1	-7	1, 934	1954
1955	1, 258	180	626	93	56	-3	2, 210	1955
1956	1, 391	203	761	111	94	-6	2, 554	1956
1957	1, 499	222	694	127	-5	32	2, 569	1957
1958	1, 620	239	774	135	-17	-39	2, 712	1958
1959	1, 726	264	814	148	25	-107	2, 870	1959
1960	1, 797	299	810	148	19	-78	2, 995	1960
1961	1, 832	362	840	156	-38	16	3, 168	1961
1962	1, 941	380	764	180	51	104	3, 420	1962
1963	2, 045	393	865	184	111	74	3, 672	1963
1964	2, 173	420	970	176	27	156	3, 922	1964
1965	2, 331	469	1, 127	222	103	46	4, 298	1965
1966	2, 583	582	1, 267	314	112	21	4, 879	1966
1967	2, 842	712	1, 359	342	2	-69	5, 188	1967
1968	3, 172	732	1, 461	305	89	-6	5, 753	1968
1969	3, 492	815	1, 680	297	157	-68	6, 373	1969
1970	3, 647	989	1, 707	308	28	248	6, 927	1970
1971	3, 926	1, 076	1, 850	335	17	336	7, 540	1971
1972	4, 375	1, 235	2, 088	323	59	400	8, 480	1972
1973(1)	4, 857	1, 396	2, 402	365	80	674	9, 774	1973(1)

(1) Preliminary

TABLE 3

ECONOMIC ACCOUNTS OF ALBERTA

CONSOLIDATED PRODUCTION ACCOUNT

PRIMARY EXPENSES ARISING FROM DOMESTIC PRODUCTION

1947 - 1973

Year	Wages, Salaries and Supplementary Labour Income[1]	Net Income of Non-Farm Unincorporated Business	Net Income of Farm Operators From Farm Production[2]	Profits and Other Investment Income	Inventory Valuation Adjustment
			(Millions of Dollars)		
1947	348	111	223	113	-30
1948	415	123	255	131	-28
1949	469	128	200	140	-7
1950	526	137	214	180	-22
1951	596	146	376	226	-40
1952	682	173	356	228	7
1953	798	173	278	239	-
1954	829	170	163	244	6
1955	900	197	197	320	-14
1956	1,069	210	239	383	-19
1957	1,125	220	147	354	-5
1958	1,190	242	212	341	-3
1959	1,282	235	197	363	-8
1960	1,342	264	163	370	-2
1961	1,417	265	186	410	-3
1962	1,501	264	247	449	-7
1963	1,576	272	303	514	-16
1964	1,696	286	247	609	-11
1965	1,896	293	268	703	-27
1966	2,142	317	398	776	-29
1967	2,417	347	231	855	-29
1968	2,690	383	272	972	-31
1969	3,110	408	255	1,028	-51
1970	3,433	419	240	1,090	-18
1971	3,773	448	285	1,185	-59
1972	4,211	495	351	1,417	-93
1973[3]	4,724	548	562	1,838	-223

(1) Includes Military Pay and Allowances

(2) Includes Adjustment on Grain Transactions

(3) Preliminary

Indirect Taxes Less Subsidies	Capital Consumption Allowances		Gross Domestic Product at Market Prices	Year
	Business	Government		
		(Millions of Dollars)		
101	92	11	969	1947
114	108	13	1,131	1948
125	122	13	1,190	1949
137	155	17	1,344	1950
157	202	20	1,683	1951
181	250	23	1,886	1952
192	279	30	1,989	1953
198	289	30	1,934	1954
213	365	32	2,210	1955
235	401	36	2,554	1956
254	434	40	2,569	1957
262	429	39	2,712	1958
274	485	42	2,870	1959
290	523	45	2,995	1960
315	527	51	3,168	1961
342	570	54	3,420	1962
346	622	55	3,672	1963
368	670	57	3,922	1964
405	695	65	4,298	1965
425	774	76	4,879	1966
460	821	86	5,188	1967
502	884	81	5,753	1968
572	960	91	6,373	1969
602	1,061	100	6,927	1970
648	1,156	104	7,540	1971
736	1,244	119	8,480	1972
865	1,327	133	9,774	1973[3]

TABLE 4

ECONOMIC ACCOUNTS OF ALBERTA

INCOME ACCOUNT

PERSONAL SECTOR

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
Wages, Salaries and Supplementary Labour Income(1)	348	415	469	526	596	682	798	829	900	1,069	1,125	1,190	1,282	1,342
Net Income of Farm Operators From Farm Production	214	283	231	176	377	344	287	170	183	232	149	213	200	162
Adjustment on Grain Transactions	9	-28	-31	38	-1	12	-9	-5	14	7	-2	-1	-3	1
Net Income of Non-Farm Unincorporated Business	111	123	128	137	146	173	173	170	197	210	220	242	235	264
Interest, Dividends and Miscellaneous Investment Income	30	35	37	45	55	54	57	60	70	80	97	104	117	120
Government Transfer Payments to Persons	59	58	60	67	72	87	96	111	119	121	150	201	197	238
Current Transfers From Corporations	2	2	3	3	3	3	4	4	4	5	6	6	6	6
Current Transfers From Non-Residents	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Total	774	889	898	993	1,249	1,356	1,408	1,341	1,489	1,726	1,747	1,957	2,036	2,135

(1) Includes Military Pay and Allowances

(2) Preliminary

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[2]	
(Millions of Dollars)													
1,417	1,501	1,576	1,696	1,896	2,142	2,417	2,690	3,110	3,433	3,773	4,211	4,724	Wages, Salaries and Supplementary Labour Income(1)
180	246	274	221	277	361	254	335	252	220	270	334	506	Net Income of Farm Operators From Farm Production
6	1	29	26	-9	37	-23	-63	3	20	15	17	56	Adjustment on Grain Transactions
265	264	272	286	293	317	347	383	408	419	448	495	548	Net Income of Non-Farm Unincorporated Business
134	165	173	193	205	231	251	295	328	360	382	420	486	Interest, Dividends and Miscellaneous Investment Income
194	224	228	242	256	308	379	390	474	502	633	735	834	Government Transfer Payments to Persons
5	6	7	8	8	9	10	11	10	11	11	12	13	Current Transfers From Corporations
4	5	5	6	6	6	7	7	7	8	9	10	11	Current Transfers From Non-Residents
2,205	2,412	2,564	2,678	2,932	3,411	3,642	4,048	4,592	4,973	5,541	6,234	7,178	Total

TABLE 5

ECONOMIC ACCOUNTS OF ALBERTA

OUTLAY ACCOUNT

PERSONAL SECTOR

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
Commodity Purchases From Business	577	675	765	833	911	1,012	1,089	1,131	1,219	1,346	1,452	1,565	1,666	1,728
Commodity Purchases From Persons	15	19	19	21	27	30	34	35	39	45	47	55	60	69
Commodity Purchases From Non-Residents	28	30	35	37	46	52	56	57	64	73	76	81	88	92
Transfers to Government	51	61	69	61	85	111	120	119	117	135	155	165	178	194
Transfers to Corporations	1	1	2	2	3	4	5	5	6	7	7	8	9	10
Transfers to Non-Residents	3	3	2	2	3	4	4	4	5	6	6	7	7	7
Personal Savings	90	128	37	-1	175	131	109	-5	25	107	6	77	31	34
Adjustment on Grain Transactions	9	-28	-31	38	-1	12	-9	-5	14	7	-2	-1	-3	1
Total	774	889	898	993	1,249	1,356	1,408	1,341	1,489	1,726	1,747	1,957	2,036	2,135

(1) Preliminary

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[1]	
(Millions of Dollars)													
1,788	1,893	1,994	2,119	2,270	2,510	2,759	3,074	3,378	3,519	3,779	4,212	4,673	Commodity Purchases From Business
44	48	51	54	61	73	83	98	114	128	147	163	184	Commodity Purchases From Persons
94	101	105	113	127	142	151	167	197	211	226	240	271	Commodity Purchases From Non-Residents
205	223	236	266	299	390	494	596	756	911	1,027	1,147	1,324	Transfers to Governments
11	11	12	14	16	19	22	29	43	51	52	57	69	Transfers to Corporations
7	7	8	7	8	8	10	8	12	13	13	13	14	Transfers to Non-Residents
50	128	129	79	160	232	146	139	89	120	282	385	587	Personal Savings
6	1	29	26	-9	37	-23	-63	3	20	15	17	56	Adjustment on Grain Transactions
2,205	2,412	2,564	2,678	2,932	3,411	3,642	4,048	4,592	4,973	5,541	6,234	7,178	Total

TABLE 6

ECONOMIC ACCOUNTS OF ALBERTA

INCOME AND OUTLAY ACCOUNT

GOVERNMENT SECTOR[1]

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
INCOME														
Direct Taxes - Persons	5	6	7	7	8	8	9	7	9	11	12	13	13	14
Direct Taxes - Business Enterprises	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indirect Taxes	56	65	75	84	93	107	114	122	128	140	158	167	176	193
Other Transfers from Persons	3	3	4	4	4	4	5	5	5	6	10	9	9	9
Investment Income	7	9	15	21	31	40	48	50	61	75	83	79	88	87
Transfers From Federal Government	18	17	18	24	27	37	39	41	42	46	58	66	87	93
Total	89	100	119	140	163	196	215	225	245	278	321	334	373	396
OUTLAY														
Purchases of Goods and Services	53	66	74	92	105	127	162	166	180	203	222	239	264	299
Transfer Payments to Persons[2]	22	25	31	32	38	32	40	47	47	53	69	82	92	112
Subsidies	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saving	14	9	14	16	20	37	13	12	18	22	30	13	17	-15
Total	89	100	119	140	163	196	215	225	245	278	321	334	373	396

(1) Government Sector consists of Provincial, Local, and Hospital Subsectors.

(2) Includes Interest on the Public Debt.

(3) Preliminary

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[3]	
(Millions of Dollars)													
													INCOME
14	34	44	47	61	76	102	122	159	205	238	284	329	Direct Taxes - Persons
-	32	27	27	29	27	41	58	49	49	70	83	84	Direct Taxes - Business Enterprises
215	234	245	252	275	293	323	364	429	468	495	558	683	Indirect Taxes
9	10	10	11	13	16	20	35	39	75	79	70	88	Other Transfers From Persons
100	120	133	148	196	207	232	248	277	312	366	397	555	Investment Income
101	89	90	82	90	113	130	157	199	230	278	303	313	Transfers from Federal Government
439	519	549	567	664	732	848	984	1,152	1,339	1,526	1,695	2,052	Total
													OUTLAY
362	380	393	420	469	582	712	732	815	989	1,076	1,235	1,396	Purchases of Goods and Services
78	89	102	111	141	191	250	254	337	347	457	495	541	Transfer Payments to Persons[2]
-	-	-	-	1	10	14	15	18	29	34	32	55	Subsidies
-	-	-	-	-	-	-	-	6	3	3	6	5	Capital Assistance
-1	50	54	36	53	-51	-128	-17	-24	-29	-44	-73	55	Saving
439	519	549	567	664	732	848	984	1,152	1,339	1,526	1,695	2,052	Total

TABLE 7

ECONOMIC ACCOUNTS OF ALBERTA

INCOME ACCOUNT

BUSINESS SECTOR

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
Profits and Other Investment Income	113	131	140	180	226	228	239	244	320	383	354	341	363	370
Inventory Valuation Adjustment	-30	-28	-7	-22	-40	7	0	6	-14	-19	-5	-3	-8	-2
Capital Assistance from Government	-	-	-	-	-	-	-	-	-	1	2	1	2	1
Interest on the Public Debt	27	28	31	29	34	37	37	42	45	52	54	53	65	70
Miscellaneous Investment Income from Non-Residents	3	3	5	6	4	7	9	8	10	12	13	13	13	13
Interest on Consumer Debt	1	1	2	2	3	4	5	5	6	7	7	8	9	10
Total	114	135	171	195	227	283	290	305	367	436	425	413	444	462

(1) Preliminary

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[1]	
(Millions of Dollars)													
410	449	514	609	703	776	855	972	1,028	1,090	1,185	1,417	1,838	Profits and Other Investment Income
-3	-7	-16	-11	-27	-29	-29	-31	-51	-18	-59	-93	-223	Inventory Valuation Adjustment
1	3	6	7	7	5	6	6	13	11	17	21	21	Capital Assistance from Government
79	87	97	107	123	139	163	188	208	262	276	325	341	Interest on the Public Debt
15	16	17	29	30	30	28	40	59	79	72	73	107	Miscellaneous Investment Income from Non-Residents
11	11	12	14	16	19	22	29	43	51	52	57	69	Interest on Consumer Debt
513	559	630	755	852	940	1,045	1,204	1,300	1,475	1,543	1,800	2,153	Total

TABLE 8

ECONOMIC ACCOUNTS OF ALBERTA

OUTLAY ACCOUNT

BUSINESS SECTOR

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
Interest, Dividends and Miscellaneous Investment Income Payments to Persons	28	33	34	42	53	52	54	57	68	77	94	101	114	117
Profits Remitted by Government Business Enterprises	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Payments on Government Loans and Advances and on Public Funds	3	3	3	4	4	5	6	8	8	10	11	13	16	17
Direct Taxes	42	37	39	55	81	84	77	69	82	92	82	74	88	90
Other Current Transfers	2	2	3	3	3	3	4	4	4	5	6	6	6	6
Undistributed Profits	35	48	44	52	64	64	77	79	116	134	104	108	103	99
Inventory Valuation Adjustment	-30	-28	-7	-22	-40	7	–	6	-14	-19	-5	-3	-8	-2
Capital Assistance from Government	–	–	–	–	–	–	–	–	–	1	2	1	2	1
Payments to Non-Residents	34	40	55	61	62	68	72	82	103	136	131	113	123	134
Total	114	135	171	195	227	283	290	305	367	436	425	413	444	462

(1) Preliminary

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[1]	
					(Millions of Dollars)								
131	161	168	188	199	224	243	287	322	354	374	412	475	Interest, Dividends, and Miscellaneous Investment Income Payments to Persons
1	1	-	1	1	1	1	1	2	2	2	4	5	Profits Remitted by Government Business Enterprises
17	16	17	17	42	49	53	56	69	81	88	91	113	Payments on Government Loans and Advances and on Public Funds
99	125	123	133	136	159	182	221	239	245	275	311	346	Direct Taxes
5	6	7	8	8	9	10	11	10	11	11	12	13	Other Current Transfers
107	118	139	185	221	234	251	292	293	268	332	486	456	Undistributed Profits
-3	-7	-16	-11	-27	-29	-29	-31	-51	-18	-59	-93	-223	Inventory Valuation Adjustment
1	3	6	7	7	5	6	6	13	11	17	21	21	Capital Assistance from Government
155	136	186	227	265	288	328	361	403	521	503	556	947	Payments to Non-Residents
513	559	630	755	852	940	1,045	1,204	1,300	1,475	1,543	1,800	2,153	Total

TABLE 9

ECONOMIC ACCOUNTS OF ALBERTA

INCOME AND OUTLAY ACCOUNT

FEDERAL GOVERNMENT SECTOR

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
Income (Transfers Out Of Province)														
Direct Taxes - Persons[1]	49	58	65	58	82	112	118	118	116	136	147	160	176	192
Direct Taxes - Business Enterprises	42	37	39	55	81	84	77	69	82	92	82	74	88	90
Direct Taxes - Non-Residents	-	-	1	1	1	1	1	1	1	1	2	1	3	2
Indirect Taxes	57	55	56	58	74	82	87	83	91	105	107	107	119	121
Total	148	150	161	172	238	279	283	271	290	334	338	342	386	405
Outlay (Transfers In To Province)														
Purchases of Goods and Services	44	45	56	68	114	150	159	152	155	167	170	168	160	162
Transfer Payments to Persons[2]	64	62	60	64	66	86	88	98	108	107	125	168	166	189
Subsidies	12	6	6	5	10	8	9	7	6	9	9	11	19	23
Transfers to Provincial Government	18	17	18	24	27	37	39	41	42	45	57	64	85	91
Transfers to Local Government	-	-	-	-	-	-	-	-	-	1	1	2	2	2
Gross Fixed Capital Formation	-2	3	8	5	5	12	8	9	10	11	13	19	22	14
Net Transfers Out Of Province	12	17	13	6	16	-14	-20	-36	-31	-6	-37	-90	-68	-76
Total	148	150	161	172	238	279	283	271	290	334	338	342	386	405

(1) Includes "Other Current Transfers from Persons", "Canada Pension Plan Contributions" and "Investment Income".

(2) Includes "Capital Assistance" and "Interest on the Public Debt".

(3) Preliminary.

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[3]	
(Millions of Dollars)													
													Income (Transfers Out Of Province)
206	205	211	239	257	334	416	494	635	722	819	917	1,037	Direct Taxes - Persons [1]
99	93	96	106	107	132	141	163	190	196	205	228	262	Direct Taxes - Business Enterprises
4	3	3	3	5	6	6	6	7	8	8	8	8	Direct Taxes - Non-Residents
124	137	135	152	166	186	198	201	219	221	245	280	319	Indirect Taxes
433	438	445	500	535	658	761	864	1,051	1,147	1,277	1,433	1,626	Total
													Outlay (Transfers In To Province)
170	180	174	176	176	199	214	243	264	293	320	343	367	Purchases of Goods and Services
186	219	217	230	237	251	284	324	356	410	469	583	670	Transfer Payments to Persons [2]
23	26	28	29	28	39	41	42	45	47	41	49	61	Subsidies
99	86	87	79	87	106	123	151	193	227	272	292	306	Transfers to Provincial Government
2	3	3	3	3	7	7	6	6	3	6	11	7	Transfers to Local Government
18	16	18	13	24	32	24	33	26	21	26	37	45	Gross Fixed Capital Formation
-65	-92	-82	-30	-20	24	68	65	161	156	143	118	170	Net Transfers Out Of Province
433	438	445	500	535	658	761	864	1,051	1,147	1,277	1,433	1,626	Total

TABLE 10

ECONOMIC ACCOUNTS OF ALBERTA

GOVERNMENT REVENUE, EXPENDITURE, AND SURPLUS OR DEFICIT

BY LEVEL OF GOVERNMENT

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
Revenue														
Direct Taxes - Persons	5	6	7	7	8	8	9	7	9	11	12	13	13	14
Direct Taxes - Business Enterprises	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indirect Taxes	56	65	75	84	93	107	114	122	128	140	158	167	176	193
Provincial	26	31	35	40	45	52	54	55	60	64	69	71	72	74
Local	30	34	40	44	48	55	60	67	68	76	89	96	104	119
Other Transfers from Persons	3	3	4	4	4	4	5	5	5	6	10	9	9	9
Provincial	2	2	3	3	3	3	4	4	4	5	7	6	7	7
Local	1	1	1	1	1	1	1	1	1	1	3	3	2	2
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Investment Income	7	9	15	21	31	40	48	50	61	75	83	79	88	87
Provincial	5	7	12	18	27	36	43	45	55	68	75	69	77	74
Local	2	2	3	3	4	4	5	5	6	7	8	10	11	13
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfers from Other Levels	26	28	28	37	46	59	66	77	86	93	118	139	174	184
To Provincial														
From Federal	18	17	18	24	27	37	39	41	42	45	57	64	85	91
From Local	1	1	1	1	1	1	1	1	1	1	1	2	7	7
To Local														
From Federal	-	-	-	-	-	-	-	-	-	1	1	2	2	2
From Provincial	7	10	9	12	18	21	26	35	43	46	59	71	80	84
To Hospitals														
From Provincial	-	-	-	-	-	-	-	-	-	-	-	-	-	-
From Local	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenue	97	111	129	153	182	218	242	261	289	325	381	407	460	487
Provincial	57	64	76	93	111	137	150	153	171	194	221	225	261	267
Local	40	47	53	60	71	81	92	108	118	131	160	182	199	220
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(1) Preliminary

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[1]	
(Millions of Dollars)													
													Revenue
14	34	44	47	61	76	102	122	159	205	238	284	329	Direct Taxes - Persons
-	32	27	27	29	27	41	58	49	49	70	83	84	Direct Taxes - Business Enterprises
215	234	245	252	275	293	323	364	429	468	495	558	683	Indirect Taxes
82	87	90	95	101	111	124	136	175	198	209	230	320	Provincial
133	147	155	157	174	182	199	228	254	270	286	328	363	Local
9	10	10	11	13	16	20	35	39	75	79	70	88	Other Transfers from Persons
8	9	8	9	10	11	15	27	32	67	71	61	78	Provincial
1	1	2	2	3	5	5	8	7	8	8	9	10	Local
-	-	-	-	-	-	-	-	-	-	-	-	-	Hospitals
100	120	133	148	196	207	232	248	277	312	366	397	555	Investment Income
85	104	113	127	171	179	207	220	253	283	336	359	513	Provincial
15	16	20	21	25	28	25	28	24	29	29	37	41	Local
-	-	-	-	-	-	-	-	-	-	1	1	1	Hospitals
250	260	261	273	305	388	462	498	586	681	753	841	879	Transfers from Other Levels
													To Provincial
99	86	87	79	87	106	123	151	193	227	272	292	306	From Federal
7	8	9	11	9	12	15	9	13	5	1	1	1	From Local
													To Local
2	3	3	3	3	7	7	6	6	3	6	11	7	From Federal
95	113	108	111	121	162	194	200	214	263	282	316	318	From Provincial
													To Hospitals
47	50	54	69	85	101	122	132	160	183	192	221	247	From Provincial
-	-	-	-	-	-	1	-	-	-	-	-	-	From Local
588	690	720	758	879	1,007	1,180	1,325	1,539	1,790	2,001	2,233	2,618	Total Revenue
295	360	378	395	468	522	627	723	874	1,034	1,197	1,310	1,631	Provincial
246	280	288	294	326	384	430	470	505	573	611	701	739	Local
47	50	54	69	85	101	123	132	160	183	193	222	248	Hospitals

TABLE 10 (continued)

ECONOMIC ACCOUNTS OF ALBERTA

GOVERNMENT REVENUE, EXPENDITURE, AND SURPLUS OR DEFICIT

BY LEVEL OF GOVERNMENT

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
Current Expenditure														
Purchases of Goods and Services	53	66	74	92	105	127	162	166	180	203	222	239	264	299
Provincial	22	30	33	44	48	60	84	75	80	92	101	103	114	129
Local	31	36	41	48	57	67	78	91	100	111	121	136	150	170
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer Payments to Persons[1]	22	25	31	32	38	32	40	47	47	53	69	82	92	112
Provincial	19	21	27	29	31	23	31	36	37	41	56	65	75	92
Local	3	4	4	3	7	9	9	11	10	12	13	17	17	20
Subsidies - Provincial	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Assistance - Provincial	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfers to Other Levels	8	11	10	13	19	22	27	36	44	47	60	73	87	91
From Provincial														
To Local	7	10	9	12	18	21	26	35	43	46	59	71	80	84
To Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
From Local														
To Provincial	1	1	1	1	1	1	1	1	1	1	1	2	7	7
To Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Current Expenditure	83	102	115	137	162	181	229	249	271	303	351	394	443	502
Provincial	48	61	69	85	97	104	141	146	160	179	216	239	269	305
Local	35	41	46	52	65	77	88	103	111	124	135	155	174	197
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(1) Includes Interest on the Public Debt. Hospital Interest on the Public Debt is included in the Provincial Total.

(2) Preliminary

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[2]	
					(Millions of Dollars)								
													Current Expenditure
362	380	393	420	469	582	712	732	815	989	1,076	1,235	1,396	Purchases of Goods and Services
137	132	125	128	146	211	285	239	257	338	357	428	499	Provincial
186	204	218	235	259	296	335	384	431	501	548	615	683	Local
39	44	50	57	64	75	92	109	127	150	171	192	214	Hospitals
78	89	102	111	141	191	250	254	337	347	457	495	541	Transfer Payments to Persons[1]
55	64	75	83	110	158	212	209	283	279	378	395	431	Provincial
23	25	27	28	31	33	38	45	54	68	79	100	110	Local
–	–	–	–	1	10	14	15	18	29	34	32	55	Subsidies - Provincial
–	–	–	–	–	–	–	–	6	3	3	6	5	Capital Assistance - Provincial
149	171	171	191	215	275	332	341	387	451	475	538	566	Transfers to Other Levels
													From Provincial
95	113	108	111	121	162	194	200	214	263	282	316	318	To Local
47	50	54	69	85	101	122	132	160	183	192	221	247	To Hospitals
													From Local
7	8	9	11	9	12	15	9	13	5	1	1	1	To Provincial
–	–	–	–	–	–	1	–	–	–	–	–	–	To Hospitals
589	640	666	722	826	1,058	1,308	1,342	1,563	1,819	2,045	2,306	2,563	Total Current Expenditure
332	356	359	388	460	637	822	789	932	1,089	1,239	1,391	1,548	Provincial
216	237	254	274	299	341	389	438	498	574	628	716	794	Local
41	47	53	60	67	80	97	115	133	156	178	199	221	Hospitals

TABLE 10 (concluded)

ECONOMIC ACCOUNTS OF ALBERTA

GOVERNMENT REVENUE, EXPENDITURE, AND SURPLUS OR DEFICIT

BY LEVEL OF GOVERNMENT

1947 - 1973

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	(Millions of Dollars)													
Saving (Total Revenue Less Total Current Expenditure)	14	9	14	16	20	37	13	12	18	22	30	13	17	-15
Provincial	9	3	7	8	14	33	9	7	11	15	5	-14	-8	-38
Local	5	6	7	8	6	4	4	5	7	7	25	27	25	23
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surplus or Deficit on a National Accounts Basis														
Plus: Capital Consumption Allowances	8	10	10	13	16	19	25	25	27	31	34	33	35	38
Provincial	4	5	5	7	8	10	14	13	14	17	19	17	18	20
Local	4	5	5	6	8	9	11	12	13	14	15	16	17	18
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Less: Gross Capital Formation	29	36	36	44	55	68	65	74	83	100	114	116	126	134
Provincial	17	21	19	22	25	32	29	33	39	51	59	57	62	67
Local	12	15	17	22	30	36	36	41	44	49	55	59	64	67
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Equals: Surplus(+) or Deficit(-)	-7	-17	-12	-15	-19	-12	-27	-37	-38	-47	-50	-70	-74	-111
Provincial	-4	-13	-7	-7	-3	11	-6	-13	-14	-19	-35	-54	-52	-85
Local	-3	-4	-5	-8	-16	-23	-21	-24	-24	-28	-15	-16	-22	-26
Hospitals	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(1) Preliminary

1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973[1]	
					(Millions of Dollars)								
-1	50	54	36	53	-51	-128	-17	-24	-29	-44	-73	55	Saving (Total Revenue Less Total Current Expenditure)
-37	4	19	7	8	-115	-195	-66	-58	-55	-42	-81	83	Provincial
30	43	34	20	27	43	41	32	7	-1	-17	-15	-55	Local
6	3	1	9	18	21	26	17	27	27	15	23	27	Hospitals
													Surplus or Deficit on a National Accounts Basis
44	46	47	49	56	67	76	70	78	87	90	104	116	Plus: Capital Consumption Allowances
21	21	20	20	25	32	37	28	31	33	33	40	47	Provincial
20	21	23	24	26	29	31	34	38	43	46	52	56	Local
3	4	4	5	5	6	8	8	9	11	11	12	13	Hospitals
138	164	166	163	198	282	318	272	271	287	309	286	320	Less: Gross Capital Formation
60	69	63	69	90	136	136	101	104	124	160	129	146	Provincial
68	85	93	84	98	134	169	156	153	148	132	142	156	Local
10	10	10	10	10	12	13	15	14	15	17	15	18	Hospitals
-95	-68	-65	-78	-89	-266	-370	-219	-217	-229	-263	-255	-149	Equals: Surplus(+) or Deficit(-)
-76	-44	-24	-42	-57	-219	-294	-139	-131	-146	-169	-170	-16	Provincial
-18	-21	-36	-40	-45	-62	-97	-90	-108	-106	-103	-105	-155	Local
-1	-3	-5	4	13	15	21	10	22	23	9	20	22	Hospitals

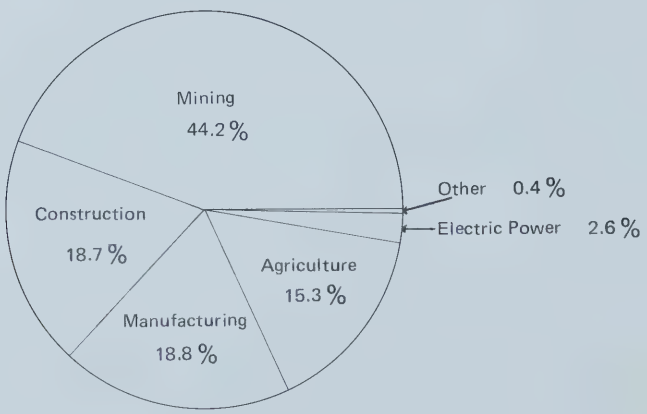
PRIVATE & PUBLIC INVESTMENT, ALBERTA, 1971 - 1974

	1971	1972	1973	1974 (Intentions) Construction	Machinery & Equipment	Total
				($ Millions)		
Primary Industries and Construction	946.1	1,006.9	1,235.1	940.3	726.9	1,667.2
Manufacturing						
Food and Beverage	33.2	34.7	42.4	22.4	43.8	66.2
Wood	16.0	16.8	15.5	1.2	9.5	10.7
Metal Fabricating	4.8	6.8	5.0	1.7	4.9	6.6
Non-Metallic Mineral Products	13.2	15.3	26.6	10.9	33.9	44.8
Other Manufacturing	119.3	172.3	291.5	133.4	121.1	254.5
Total	186.5	245.9	381.0	169.6	213.2	382.8
Utilities	471.6	500.7	551.0	301.2	372.9	674.1
Trade, Finance and Commercial Services	179.7	280.2	349.3	224.0	193.2	417.2
Housing	492.3	538.1	573.5	575.4	-	575.4
Institutional Services and Government Departments	442.0	426.1	439.3	444.6	72.9	517.5
TOTAL	2,718.2	2,997.9	3,529.2	2,655.1	1,579.1	4,234.2

NET VALUE OF PRODUCTION IN COMMODITY PRODUCING INDUSTRIES,* ALBERTA, 1970 - 1973

	1970		1971		1972e		1973e	
	($'000)	%	($'000)	%	($'000)	%	($'000)	%
Mining	1,259,603	37.3	1,479,768	39.3	1,666,000	38.7	2,473,000	44.2
Construction	798,757	23.0	873,032	21.8	958,000	22.3	1,043,000	18.7
Manufacturing	692,885	20.0	755,246	19.5	884,000	20.5	1,050,000	18.8
Agriculture	533,889	16.3	565,765	16.0	644,000	15.0	854,000	15.3
Electric Power	107,508	3.1	118,538	3.1	134,000	3.1	144,000	2.6
Other	11,514	0.3	12,520	0.3	16,000	0.4	22,000	0.4
Total	3,404,156	100.0	3,804,869	100.0	4,302,000	100.0	5,586,000	100.0

e - Estimate



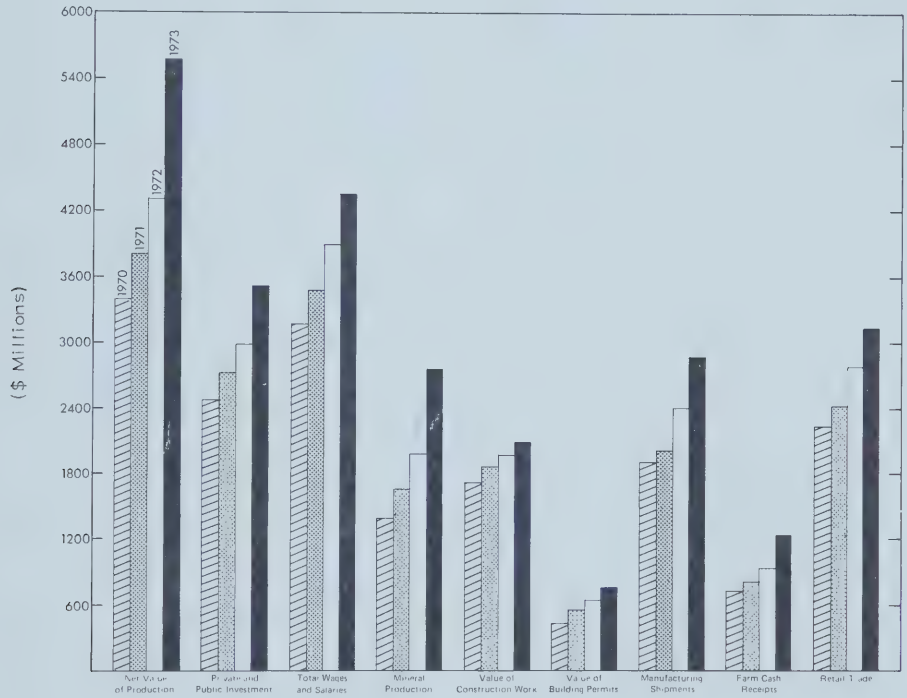
* Net value of production is a measure of the value added by each industry to the total value of goods produced during a specified time period. This measure is obtained by subtracting the cost of materials and supplies, and the cost of fuel and electricity used, from the market value of goods produced. Thus the "value added" figure covers and includes the cost of labour, taxes, depreciation, interest on capital, rents and profits.

"Value added" figures show the real relative contributions of the goods-producing industries to the economy of the province.

PRINCIPAL ECONOMIC INDICATORS, ALBERTA, 1970 - 1973

	1970	1971	1972	1973
		(thousands of dollars)		
Net Value of Production	3, 404, 156	3, 804, 869	4, 302, 000*	5, 586, 000*
Private and Public Investment	2, 486, 400	2, 718, 200	2, 997, 900	3, 529, 200
Total Wages and Salaries	3, 180, 200	3, 491, 800	3, 894, 100	4, 336, 000
Mineral Production	1, 394, 715	1, 640, 508	1, 978, 606	2, 747, 508
Value of Construction Work	1, 709, 950	1, 845, 946	1, 966, 200	2, 172, 678
Value of Building Permits	419, 666	567, 293	635, 822	763, 097
Manufacturing Shipments	1, 900, 200	2, 080, 600	2, 400, 000*	2, 876, 000*
Farm Cash Receipts	715, 344	803, 673	921, 794	1, 219, 505
Retail Trade	2, 227, 360	2, 422, 038	2, 779, 574	3, 139, 391

* Preliminary



CONSUMER PRICE INDEX AND COMPONENT ITEMS FOR CALGARY - EDMONTON, ANNUAL AVERAGES,* 1970 - 1973

	General CPI	Food	Housing	Clothing	Trans-portation	Health: Personal Care	Recreation: Reading	Tobacco: Alcohol
Annual Averages								
1970	125. 1	128. 7	118. 6	126. 4	121. 3	143. 3	133. 2	124. 2
1971	128. 2	133. 0	120. 4	128. 8	126. 3	148. 2	137. 3	125. 3
1972	133. 2	142. 2	124. 7	133. 0	130. 7	153. 2	140. 2	125. 5
1973	141. 8	161. 3	127. 9	139. 6	134. 8	159. 2	147. 5	133. 7

* General and Components of Consumer Price Index equal to 100 in 1961.

PETROLEUM AND NATURAL RESOURCES

ALBERTA MINERAL PRODUCTION, 1963 - 1973

		1963	1971	1972[r]	1973[(1)]
Metals					
Gold	oz.	132	79	3	-
	$	4,983	2,792	173	-
Silver	oz.	12	7	-	-
	$	17	11	-	-
Non-Metals					
Peat Moss	tons	780	10,300	11,180	12,000
	$	27,906	318,729	367,043	390,000
Salt	tons	96,417	245,111	283,958	310,000
	$	1,496,577	2,292,352	2,710,529	2,826,000
Sodium Sulphate	tons	-	-	-	-
	$	-	1,241,632	942,040	1,000,000
Sulphur, Elemental	tons	1,227,667	3,012,891	3,503,639	4,465,000
	$	11,516,478	19,589,410	18,055,904	22,111,000
Quartz	$	-	71,471	287,659	350,000
Fuels					
Coal	tons	2,289,943	8,012,304	9,024,437	9,028,000
	$	9,864,890	42,418,281	52,196,875	59,162,000
Natural Gas	mcf	943,354,973	2,067,247,488	2,385,440,169	2,550,474,000
	$	129,428,302	290,671,829	338,708,715	405,813,000
Natural Gas By-Products	barrels	-	82,206,275	105,432,458	114,778,000
	$	66,679,857	186,338,566	244,591,526	331,463,000
Petroleum Crude	barrels	168,214,054	371,500,922	444,220,065	536,315,000
	$	416,844,350	1,055,769,236	1,272,902,634	1,873,175,000
Structural Materials					
Clay Products	$	3,452,835	3,832,845	4,290,276	4,572,000
Cement	tons	727,122	875,401	902,500	1,006,000
	$	13,713,527	19,696,405	22,605,772	25,161,000
Lime	tons	54,826	100,483	128,397	132,000
	$	970,673	1,985,380	2,331,028	2,385,000
Sand & Gravel	tons	16,139,744	18,679,000	20,556,000	20,600,000
	$	14,894,547	16,285,000	17,807,000	18,200,000
Stone	tons	138,894	183,609	195,773	200,000
	$	416,426	708,570	808,429	900,000
Grand Total	$	669,311,368	1,641,222,509	1,978,605,603	2,747,508,000

r - Revised

(1) - Preliminary Estimates

ALBERTA PRODUCTION SUMMARY, 1963 - 1973

Year	Crude Oil[1] M Bbls.	Synthetic Crude Oil M Bbls.	Condensate M Bbls.	Pentanes Plus M Bbls.	Natural Gas[1] Mmcf	Propane[1] M Bbls.	Butanes[1] M Bbls.	Sulphur M Long Tons	Coal Bituminous M Tons	Coal Sub-Bituminous M Tons
1963	168,671		3,426	17,463	870,647	3,408	2,498	1,228	636	1,654
1964	175,371		960	23,299	994,053	5,589	4,668	1,414	866	2,105
1965	183,746		584	26,085	1,083,063	9,091	6,071	1,538	859	2,555
1966	202,500		748	27,360	1,146,130	11,345	7,295	1,676	880	2,588
1967	230,483	454	765	28,569	1,250,948	12,809	8,307	2,116	938	2,664
1968	250,793	5,725	803	31,051	1,435,606	14,512	9,488	2,990	948	2,977
1969	279,113	10,087	709	36,412	1,677,964	16,616	10,419	3,654	1,231	3,195
1970	325,440	12,082	720	41,895	1,941,169	20,058	12,544	4,182	2,864	3,920
1971	355,177	15,540	784	44,500	2,138,772	23,092	14,752	4,486	4,506	4,426
1972	424,431	18,820	969	58,338	2,457,631	28,800	18,798	6,548	5,630	4,912
1973	522,241	18,446	1,049	59,325	2,613,457	32,799	20,990	6,991	5,548	4,949

[1] Net production.

DISPOSITION OF CRUDE OIL & EQUIVALENT[1], ALBERTA 1963 - 1973 (M Bbls.)

Year	Total Deliveries[2]	Value to Producer $'000	Deliveries to: Alberta	% of total	Other Provinces	% of total	United States	% of total
1963	188,098	475,933	30,587	16.3	81,778	43.5	73,834	39.3
1964	199,425	510,531	30,195	15.1	87,806	44.0	81,251	40.7
1965	210,062	539,676	33,702	16.0	94,283	44.9	80,850	38.5
1966	230,517	593,772	34,510	15.0	97,910	42.5	96,446	41.8
1967	259,407	663,440	35,931	13.9	100,566	38.8	120,242	46.4
1968	283,259	744,523	37,125	13.1	111,191	39.3	134,783	47.6
1969	323,087	837,931	39,821	12.3	114,632	35.5	168,158	52.0
1970	378,583	991,271	40,527	10.7	132,661	35.0	204,718	54.1
1971	416,013	1,189,089	45,234	10.9	138,186	33.2	231,711	55.7
1972	498,854	1,446,033	53,811	10.8	140,971	28.3	303,670	60.9
1973	601,884	2,117,608	60,532	10.1	175,691	29.2	365,494	60.7

[1] Includes Condensate, Synthetic Crude Oil and Pentanes Plus.

[2] Total Deliveries include losses and adjustments in interprovincial pipelines.

DISPOSITION OF NATURAL GAS, ALBERTA, 1963 - 1973 (MMCF)

Year	Total Deliveries[1]	Gross Value of Sales $'000	Deliveries to Alberta	% of Total	Other Provinces	% of Total	United States	% of Total
1963	692,952	96,563	160,790	23.2	226,449	32.6	285,359	41.1
1964	772,812	113,193	164,125	21.2	267,896	34.6	308,068	39.8
1965	842,574	122,514	177,640	21.0	308,741	36.6	315,905	37.4
1966	888,822	135,465	188,719	21.2	317,663	35.7	339,705	38.2
1967	959,859	150,562	199,297	20.7	326,560	34.0	392,054	40.8
1968	1,088,015	170,961	205,697	18.9	360,006	33.0	473,254	43.5
1969	1,271,480	200,408	228,941	18.0	457,292	35.9	527,674	41.5
1970	1,478,124	243,877	241,284	16.3	552,699	37.3	618,857	41.8
1971	1,638,946	266,289	252,896	15.4	577,721	35.2	737,025	44.9
1972	1,818,152	307,471	279,791	15.3	703,910	38.7	757,416	41.6
1973	1,933,407	367,680	291,802	15.1	802,522	41.5	765,066	39.6

[1] Total deliveries include amounts used as fuel, losses and metering differences in interprovincial pipelines.

DISPOSITION OF PROPANE, ALBERTA 1963 - 1973 (M Bbls.)

Year	Total Marketed Propane	Value of Sales F.O.B. Alberta[1] $'000	Deliveries to: Alberta	% of total	Other Provinces	% of total	United States	% of total	Offshore	% of total
1963	3,287	4,469	2,453	74.6	821	25.0	13	.4	-	-
1964	4,951	5,901	3,072	62.1	1,577	31.9	302	6.1	-	-
1965	8,800	10,771	3,527	40.1	2,943	33.4	2,274	25.8	55	.6
1966	10,791	15,752	3,698	34.3	3,467	32.1	3,370	31.2	257	2.4
1967	12,420	21,032	3,435	27.7	3,295	26.5	3,575	28.8	2,114	17.0
1968	13,969	21,519	3,769	27.0	4,265	30.5	3,847	27.5	2,089	15.0
1969	16,507	21,174	4,095	24.8	5,167	31.3	4,116	24.9	3,129	19.0
1970	19,676	26,432	3,851	19.6	4,882	24.8	7,774	39.5	3,169	16.1
1971	21,590	34,975	3,859	17.9	5,231	24.2	9,863	45.7	2,636	12.2
1972	27,766	43,593	4,245	15.3	6,314	22.7	14,142	50.9	3,064	11.0
1973	32,198	80,669	3,985	12.4	6,388	19.8	18,812	58.4	3,012	9.4

[1]Due to the difficulty of obtaining sales data the value of sales should be considered as a trend indicator only.

DISPOSITION OF BUTANES, ALBERTA, 1963 - 1973 (M Bbls.)

Year	Total Marketed Butanes[1]	Value of Sales F.O.B. Alberta[2] $'000	Deliveries to: Alberta	% of total	Other Provinces	% of total	United States	% of total
1963	2,363	3,078	821	34.7	352	14.9	1,190	50.4
1964	4,422	5,938	806	18.2	717	16.2	2,899	65.6
1965	5,590	7,183	839	15.0	919	16.4	3,801	68.0
1966	7,168	9,700	1,053	14.7	909	12.7	5,206	72.6
1967	7,926	11,776	1,348	17.0	1,361	17.2	5,217	65.8
1968	9,083	13,151	1,755	19.3	913	10.1	6,290	69.3
1969	10,116	12,958	1,600	15.8	1,416	14.0	7,100	70.2
1970	12,566	14,961	2,226	17.7	1,612	12.8	8,728	69.5
1971	14,077	19,426	3,415	24.3	1,846	13.1	8,816	62.6
1972	18,385	26,290	4,290	23.3	2,621	14.3	11,474	62.4
1973	20,180	39,452	4,839	24.0	3,468	17.2	11,872	58.8

[1]Includes Offshore Deliveries in 1965 and 1968.

[2]Due to the difficulty of obtaining sales data the value of sales should be considered as a trend indicator only.

DISPOSITION OF SULPHUR, ALBERTA, 1963 - 1973 (M Long Tons)

Year	Total Marketed Sulphur	Value of Sales F.O.B. Plant $'000	Deliveries to: Alberta	% of total	Other Provinces	% of total	United States	% of total	Offshore	% of total
1963	1,044	12,108								
1964	1,520	16,790	68	4.5	320	21.1	534	35.1	599	39.4
1965	1,738	24,122	116	6.7	444	25.5	611	35.2	567	32.6
1966	1,727	37,225	200	11.6	394	22.8	668	38.7	465	26.9
1967	2,135	64,951	215	10.1	337	15.8	731	34.2	851	39.9
1968	2,209	76,318	194	8.8	370	16.7	757	34.3	888	40.2
1969	2,568	58,926	148	5.8	347	13.5	907	35.3	1,165	45.4
1970	3,072	27,435	187	6.1	375	12.2	952	31.0	1,557	50.7
1971	2,672	19,284	268	10.0	375	14.0	757	28.3	1,272	47.6
1972	3,106	17,738	279	9.0	376	12.1	737	23.7	1,713	55.2
1973	4,000	22,841	294	7.4	356	8.9	792	19.8	2,559	64.0

DISPOSITION OF COAL, ALBERTA, 1963 - 1973 (M Tons)

	Sub-Bituminous				Bituminous					
			Sales to:				Sales to:			
Year	Total Sales	Value of Sales[1] $'000	Alberta	Other Provinces[2]	Total Sales[3]	Value of Sales[1] $'000	Alberta	Other Provinces	United States	Japan
1963	1,641		1,052	590	632		38	178	5	411
1964	2,109		1,600	509	850		36	187	15	613
1965	2,536		1,881	655	861		58	173	14	615
1966	2,582		1,992	590	896		49	124	12	710
1967	2,659		1,987	672	932		36	113	10	774
1968	2,964		2,656	307	939		20	100	9	809
1969	3,189		2,987	202	1,004		7	94	11	892
1970	3,917		3,606	312	2,442		2	39	6	2,394
1971	4,418		4,278	139	3,523		2	83	6	3,339
1972	4,911	10,226	4,724	187	3,749	37,978	34	89	4	3,621
1973[4]	4,937	11,359	4,816	121	4,461	49,960	330	90	235	3,806

[1] Unavailable prior to 1972. The value of sales of Bituminous coal excludes direct sales from the mine to Manitoba prior to August, 1973.

[2] Includes sales of small amounts to the U.S. in 1963, 1964, 1967, 1968, in 1971.

[3] Includes sales of 93,000 tons to Europe in 1971.

[4] Data subject to revision.

FORESTRY AND TRAPPING, ALBERTA, 1970 - 1973

		1970	1971	1972	1973
Pulpwood	Cunits	316,947	206,216	304,710	446,750
	$'000	6,525	4,246	6,633	9,854
Fur (Wild Life) Pelts	No.	499,265	528,015	593,160	548,643
	Value $	1,910,421	1,705,619	3,759,668	6,361,635

CONSTRUCTION

VALUE OF CONSTRUCTION WORK PERFORMED BY DETAILED TYPE OF CONSTRUCTION, ALBERTA, 1963 - 1973
(millions of dollars)

TYPE OF CONSTRUCTION	1963	1970	1971	1972[1]	1973[2] New	1973[2] Repair	1973[2] Total
BUILDING CONSTRUCTION	429	711	865	919	760	147	907
Residential	222	350	492	543	438	86	524
Industrial	21	37	51	46	46	8	55
Factories, Plants, Workshops	18	31	45	43	44	7	51
Other	3	5	6	3	2	2	4
Commercial	73	140	123	163	156	23	178
Warehouses, Storehouses, Etc.	8	11	10	14	13	2	15
Office Buildings	25	70	41	62	68	10	78
Stores, Retail & Wholesale	12	33	44	36	23	4	27
Other	28	26	28	50	52	7	59
Institutional	70	123	137	102	64	14	78
Schools & Other Educational Buildings	49	91	107	78	42	8	50
Hospitals, Sanitoria, Clinics, Etc.	16	15	17	10	11	3	13
Other	6	16	13	14	11	3	14
Other Building Construction	42	61	62	66	56	16	72
Farm Buildings (Excl. Dwellings)	33	45	43	47	41	11	51
Other	9	16	18	19	15	6	21
ENGINEERING CONSTRUCTION	433	999	981	1,047	1,069	197	1,266
Roads, Highways, & Aerodromes	92	118	143	127	116	30	145
Streets, Highways, Parking Lots, Etc.	78	114	137	119	108	28	136
Other, Including Aerodrome	14	3	6	7	7	2	9
Waterworks & Sewage Systems	22	44	46	66	66	9	75
Water Mains, Hydrants & Services	9	16	17	20	20	5	25
Sewage Systems & Connections	8	11	12	20	22	1	23
Other	5	17	17	26	24	3	27
Dams & Irrigation	9	10	12	14	12	4	16
Electric Power Construction	24	68	82	77	66	7	73
Generating Plants, Including Water Control	7	36	45	37	30	1	31
Transmission & Distribution Lines, Trolley Wires	11	28	36	39	35	5	40
Other	7	3	1	1	1	1	2
Railway, Telephone & Telegraph	38	55	61	67	48	25	73
Railway Tracks & Road Bed	26	23	25	34	18	19	38
Other	12	32	36	33	30	6	35
Gas & Oil Facilities	224	577	563	581	583	100	683
Gas Mains & Services	6	69	10	10	9	2	11
Oil & Gas Pipe Lines	35	27	49	59	56	3	60
Oil & Gas Wells	131	281	278	372	382	57	439
Natural Gas Processing Plants	43	161	198	115	103	32	135
Other	9	39	28	25	33	6	38
Other Engineering Construction	25	127	73	113	175	23	198
Bridges, Trestles, Culverts, Viaducts	12	24	22	21	20	3	23
Other, Including Marine	13	103	51	92	155	20	175
GRAND TOTAL CONSTRUCTION	862	1,710	1,846	1,966	1,829	344	2,173
Labour Content (Value)	271	582	627	667			737
Cost of Materials Used	391	718	771	821			895
Number of Employees ('000)*	53.7	63.7	61.9	61.5			62.6

Note: 1) Preliminary Actual

2) Intentions

* Given in equivalent man-years

Component figures may not add to totals due to rounding.

DWELLING STARTS BY MONTH, ALBERTA, 1969 - 1973

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1969	1,597	1,224	1,187	2,474	1,505	2,680	1,682	1,764	1,502	1,610	1,788	1,508	20,521
1970	737	902	740	864	861	1,306	949	1,057	900	1,901	1,982	1,894	14,093
1971	843	1,405	1,197	2,371	2,062	1,978	2,077	2,178	2,671	1,884	1,707	1,333	21,706
1972	665	1,260	1,444	1,702	2,507	2,561	1,484	1,730	1,513	1,216	1,360	921	18,363
1973	1,071	793	1,339	1,605	1,582	1,849	1,502	1,598	1,418	1,586	1,488	1,206	17,037

HOUSING STATISTICS, ALBERTA, 1970 - 1973

		1970	1971	1972	1973
All Areas					
Dwelling Starts	No.	16, 251	25, 602	22, 503	20, 977
Completions	No.	18, 827	20, 829	22, 188	23, 470
Under Construction at Year End	No.	10, 996	15, 320	15, 331	12, 734
Loan Approvals	No.	14, 562	19, 908	17, 502	11, 356
Calgary Metro					
Dwelling Starts	No.	6, 740	8, 801	7, 047	6, 981
Completions	No.	9, 001	7, 738	7, 710	7, 733
Under Construction at Year End	No.	4, 079	4, 768	4, 056	3, 248
Edmonton Metro					
Dwelling Starts	No.	6, 330	11, 286	9, 500	7, 384
Completions	No.	7, 129	8, 252	9, 932	9, 803
Under Construction at Year End	No.	5, 087	8, 096	7, 815	5, 347
Grande Prairie					
Dwelling Starts	No.	164	307	692	486
Completions	No.	161	242	393	692
Under Construction at Year End	No.	120	184	482	275
Lethbridge					
Dwelling Starts	No.	643	700	430	740
Completions	No.	485	864	439	569
Under Construction at Year End	No.	377	201	190	361
Medicine Hat					
Dwelling Starts	No.	67	153	423	717
Completions	No.	79	91	312	591
Under Construction at Year End	No.	37	95	216	333
Red Deer					
Dwelling Starts	No.	149	459	271	729
Completions	No.	147	320	311	312
Under Construction at Year End	No.	76	214	173	590

VALUE OF BUILDING PERMITS ISSUED IN CENSUS DIVISIONS & BY CITIES, ALBERTA, 1970 - 1973

	1970	1971	1972	1973
	$	$	$	$
Division No. 1	6, 681, 790	5, 281, 851	17, 508, 495	19, 235, 561
Medicine Hat	6, 100, 865	3, 921, 745	15, 563, 829	16, 604, 665
Division No. 2	31, 934, 317	22, 985, 296	25, 037, 643	38, 856, 365
Lethbridge	27, 633, 254	18, 164, 047	15, 917, 128	27, 581, 110
Division No. 3	1, 950, 226	3, 702, 659	4, 780, 397	4, 067, 224
Division No. 4	1, 396, 264	461, 798	803, 077	850, 164
Division No. 5	1, 503, 250	1, 955, 767	2, 614, 024	3, 591, 467
Drumheller	474, 250	1, 263, 000	620, 100	1, 199, 500
Division No. 6	178, 379, 629	200, 318, 379	231, 041, 481	256, 002, 885
Calgary	173, 431, 701	193, 324, 214	219, 759, 715	240, 480, 165
Division No. 7	3, 942, 580	1, 913, 023	4, 655, 686	4, 523, 019
Division No. 8	9, 820, 141	15, 501, 320	13, 075, 368	22, 913, 932
Red Deer	6, 507, 574	9, 334, 470	7, 993, 535	14, 839, 050
Division No. 9	4, 866, 726	8, 596, 222	6, 652, 900	44, 659, 706
Division No. 10	4, 092, 786	7, 250, 760	12, 206, 153	15, 646, 354
Camrose	995, 600	2, 423, 650	2, 914, 000	3, 464, 000
Lloydminster	1, 706, 895	2, 350, 669	3, 811, 037	6, 235, 294
Division No. 11	149, 443, 710	260, 933, 181	264, 225, 226	285, 830, 353
Edmonton	108, 674, 594	194, 725, 155	179, 944, 784	182, 079, 054
Wetaskiwin	773, 510	1, 589, 197	2, 690, 240	1, 764, 850
Division No. 12	5, 065, 127	9, 243, 301	12, 290, 165	17, 777, 235
Division No. 13	2, 831, 958	3, 146, 822	5, 359, 790	8, 091, 691
Division No. 14	4, 271, 408	6, 748, 078	5, 463, 311	7, 099, 828
Division No. 15	13, 486, 458	19, 254, 502	30, 108, 276	33, 951, 448
Grande Prairie	4, 007, 650	8, 094, 942	15, 005, 490	18, 127, 452
TOTAL ALBERTA	419, 666, 370	567, 292, 959	635, 821, 992	763, 097, 232
TOTAL 10 CITIES	330, 305, 893	435, 191, 089	464, 219, 858	512, 375, 140

MANUFACTURING

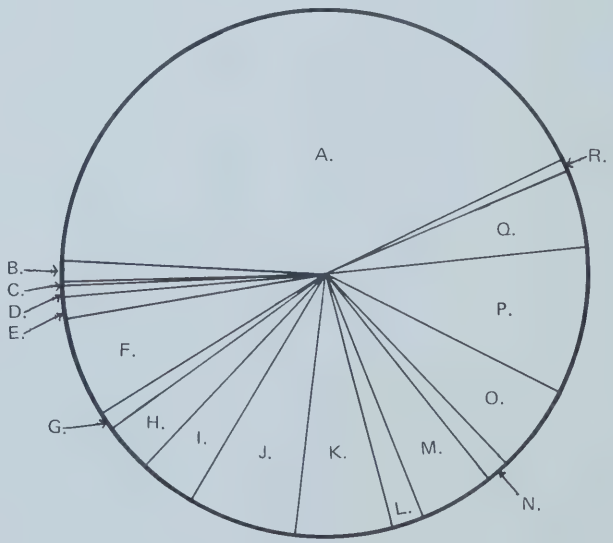
VALUE OF MANUFACTURERS' SHIPMENTS - ALBERTA

Industry	1963[1]	1970[1]	1971[1]	1972[2]	1973[3]
			(thousands of dollars)		
Food & Beverage Products	454,626	761,700	835,000	988,000	1,200,000
Rubber[y] & Plastic[x] Products	(y) (x)	28,900	29,100	30,000	37,000
Leather Products	(y)	3,800	4,400	4,000	5,000
Textile Products	9,381	14,700	15,400	17,000	20,000
Clothing & Knitting Products	17,562	29,500	30,400	32,000	37,000
Wood Products	52,856	109,600	128,300	159,000	178,000
Furniture & Fixtures	10,529	19,100	19,600	22,000	28,000
Paper & Allied Products	46,053	56,700	60,800	65,000	84,000
Printing, Publishing & Allied Products	35,014	63,000	68,900	77,000	99,000
Primary Metal Products	50,769	153,200	126,100	158,000	194,000
Metal Fabricating Products	72,292	124,100	136,800	148,000	174,000
Machinery	14,882	39,700	41,100	46,000	56,000
Transportation Equipment	16,162	61,100	88,000	107,000	127,000
Electrical Products	8,595	30,500	30,700	36,000	43,000
Non-Metallic Mineral Products	65,945	103,600	120,300	134,000	156,000
Petroleum Refining	125,304	177,600	205,200	233,000	262,000
Chemical & Chemical Products	81,058	108,100	124,500	134,000	153,000
Miscellaneous Manufacturing	8,749	15,300	16,000	19,000	23,000
Total	1,083,963	1,900,200	2,080,600	2,409,000	2,876,000

(x) Included in Miscellaneous (y) Confidential [1] Statistics Canada -- Final

[2] Alberta Bureau of Statistics -- Preliminary [3] Based on Statistics Canada Estimates

A. Food & Beverage Products — 42%
B. Rubber & Plastic Products — 1.3%
C. Leather Products — .2%
D. Textile Products — .7%
E. Clothing & Knitting Products — 1.3%
F. Wood Products — 6.2%
G. Furniture & Fixtures — 1%
H. Paper & Allied Products — 3%
I. Printing, Publishing & Allied Products — 3.4%
J. Primary Metal Products — 6.7%
K. Metal Fabricating Products — 6%
L. Machinery — 2%
M. Transportation Equipment — 4.4%
N. Electrical Products — 1.5%
O. Non-Metallic Mineral Products — 5.4%
P. Petroleum Refining — 9.1%
Q. Chemical & Chemical Products — 5.3%
R. Miscellaneous Manufacturing — .8%



SHIPMENTS BY SELECTED MANUFACTURING INDUSTRIES, ALBERTA, 1970 - 1973

		1970	1971	1972	1973
Refined Petroleum Products					
Motor Gasoline	M. Bbls.	18,787	20,363	24,865	28,382
Diesel Fuel Oil	M. Bbls.	9,116	10,006	13,136	14,237
Other	M. Bbls.	13,233	15,165	17,280	18,166
Total	M. Bbls.	41,136	45,534	55,281	60,785
Flour Mills					
Production	M. Centals	5,111	4,459	4,712	4,653
All Mill Products Shipped	$'000	30,812	27,188	27,721	35,702
Creamery Butter					
Production	M. Lbs.	29,324	27,025	25,433	22,774
	$'000	18,987	17,918	17,684	16,130
Cheese					
Production	M Lbs.	3,507	3,768	4,422	5,893
	$'000	1,837	2,393	2,810	3,843
Ice Cream					
Production	M. Gals.	5,662	6,059	6,707	6,399
	$'000	8,823	10,482	11,639	11,054
Carbonated Beverages	$'000	22,291	24,734	25,951	28,154
Packing Plants					
Gross Sales	$'000	439,325	492,105	594,246	749,116
Slaughterings: Dressed Weight	M. Lbs.	757,298	872,208	900,711	881,042
Cost to Plant	$'000	319,468	360,175	442,552	583,187
Exports	M. Lbs.	481,427	555,898	585,068	581,721
	$'000	214,690	251,304	303,708	396,489
Livestock Slaughtered					
Cattle	No.	895,320	1,015,967	1,112,338	1,112,301
Calves	No.	18,917	17,879	15,072	12,641
Hogs	No.	1,515,573	1,972,024	1,864,356	1,761,077
Sheep and Lambs	No.	36,331	45,199	52,885	67,754
Sawmills					
Production: Lumber	MFBM	467,366	496,116	596,000	805,000
Railway Ties	No.	327,549	296,396	169,345	140,544
Sales: Lumber	MFBM	430,057	579,149	600,000	730,000
	$'000	27,291	43,190	58,000	87,000
Railway Ties	No.	331,766	298,275	184,518	156,151
	$'000	886	805	593	526
Cement Production	M. Tons	887	920	952	1,026
	$'000	19,881	21,366	22,432	24,423
Brewed Products	M. Gals.	19,785	23,328	27,131	27,930
Electricity:					
Net Generated	MWH	9,953,296	10,984,103	12,361,399	13,516,861

AGRICULTURE

FARMERS' CASH RECEIPTS, ALBERTA, 1970 - 1973

	1970	1971	1972	1973
		(thousands of dollars)		
Wheat & C.W.B. payments	123,144	147,976	188,136	226,945
Oats & C.W.B. payments	5,051	8,610	7,606	12,037
Barley & C.W.B. payments	63,152	85,871	68,386	119,117
Rye	1,712	2,375	3,311	8,206
Flaxseed	13,235	12,463	10,546	17,789
Rapeseed	34,631	46,117	59,497	83,379
Sugar Beets	9,206	10,584	12,162	13,360
Potatoes	9,930	7,714	7,479	16,319
Vegetables	2,499	2,867	3,510	4,194
Other Crops	13,367	11,158	12,325	25,452
TOTAL CROPS	275,927	335,735	372,958	526,798
Cattle & Calves	266,905	272,804	303,890	426,692
Hogs	92,184	84,523	111,459	160,553
Sheep & Lambs	1,326	1,631	2,596	3,053
Dairy Products	45,516	46,843	49,033	57,304
Poultry	22,116	22,985	25,511	40,529
Eggs	14,768	13,910	14,927	20,600
Other Livestock & Products	7,679	9,118	11,749	18,195
TOTAL LIVESTOCK & PRODUCTS	450,494	451,814	519,165	726,926
Other	23,091	13,468	33,116	33,945
C.W.B. cash advances	28,977	17,811	8,338	8,995
C.W.B. cash advance repayments	-58,716	-36,309	-17,129	-10,619
Deferred Grain Receipts	-	-	-	-69,322
TOTAL CASH RECEIPTS	719,773	782,519	916,448	1,216,723

SHIPMENTS OF GRAIN FROM ALBERTA COUNTRY ELEVATORS, 1970 - 1973

	1970	1971	1972	1973
		(thousands of bushels)		
Wheat (Including Durum)	112,261	127,923	127,639	103,385
Oats	11,945	11,186	14,457	9,135
Barley	101,915	97,426	88,576	78,805
Rye	1,653	2,454	2,703	2,911
Flaxseed	4,998	5,696	3,674	2,788
Rapeseed	13,410	17,160	17,268	15,531

TOTAL LIVESTOCK MARKETED AT STOCKYARDS AND PACKING PLANTS, ALBERTA

	1970	1971	1972	1973
Cattle	1,181,992	1,229,477	1,275,364	1,259,356
Calves	194,123	221,135	242,083	179,398
Sheep and Lambs	73,909	82,717	98,687	117,211
Hogs	1,647,902	2,037,305	1,897,609	1,734,065

TRADE

RETAIL, ALBERTA, 1970 - 1973

	1970	1971	1972	1973
		(thousands of dollars)		
Grocery and Combination Stores	451, 808	477, 763	511, 116	569, 136
Other Food and Beverage Stores	39, 667	41, 237	49, 493	55, 426
General Merchandise Stores	66, 289	73, 310	91, 113	99, 684
General Stores	84, 279	89, 955	100, 060	113, 960
Department Stores	323, 618	367, 975	437, 230	509, 883
Variety Stores	30, 429	30, 110	33, 094	35, 020
Motor Vehicle Dealers	378, 131	424, 260	500, 547	585, 297
Service Stations and Garages	225, 388	246, 953	280, 123	303, 996
Men's Clothing Stores	26, 925	28, 145	34, 918	38, 453
Family Clothing Stores	27, 329	27, 733	35, 817	41, 462
Women's Clothing Stores	34, 900	37, 151	42, 521	48, 738
Shoe Stores	20, 168	21, 784	23, 953	24, 857
Hardware Stores	37, 601	38, 734	45, 568	50, 693
Furniture, Appliance and Radio Stores	46, 921	49, 147	55, 880	63, 111
Fuel Oil Dealers	19, 540	20, 616	20, 517	23, 113
Drug Stores	64, 211	68, 272	78, 014	85, 087
Jewellery Stores	15, 815	17, 244	17, 966	21, 662
Miscellaneous	334, 341	361, 649	421, 644	469, 819
TOTAL	2, 227, 360	2, 422, 038	2, 779, 574	3, 139, 397

WHOLESALE[+], ALBERTA, 1972 - 1973

	1972	1973
BY TYPE:	(Thousands of Dollars)	
Amusement and Sporting Goods	14, 363	15, 671
Auto Supplies and Equipment	245, 795	333, 918
Chemicals, Drug and Allied Products	73, 780	81, 926
Dry Goods and Apparel	19, 775	25, 277
Electrical Goods (Household & Industrial)	159, 762	177, 113
Farm Products (Raw Materials)	3, 032	3, 609
Farm Supplies	2, 439	2, 705
Furniture and House Furnishings	56, 146	66, 434
Groceries and Meats	474, 858	552, 271
Tobacco	55, 085	60, 466
Hardware	56, 805	88, 314
Building Materials (Excluding Lumber)	56, 202	65, 319
Lumber and Millwork	75, 484	104, 951
Machinery, Equipment and Supplies (Commercial and Construction)	37, 702	47, 737
Machinery and Equipment (Farm)	57, 537	76, 440
Machinery, Equipment and Supplies (Industrial)	65, 642	82, 793
Professional Service, Transportation Equipment and Supplies	38, 241	43, 867
Metals and Metal Work	49, 672	63, 582
Paper and Paper Products	27, 973	32, 727
Petroleum and Petroleum Products	294, 499	352, 347
Plumbing and Heating Equipment and Supplies	79, 472	93, 144
Miscellaneous	20, 309	24, 751
TOTAL	1, 964, 571	2, 395, 362

[+] The figures may be considered as more indicative of trends of business in the various lines and for the various locations than of total volume of wholesale business.

TRAVEL

		1970	1971	1972	1973
Foreign Vehicles Entering Through Alberta Border Points	No.	136,472	147,304	156,491	183,464
Persons Entering Through Customs Ports In Alberta					
United States Visitors	No.	458,829	497,198	502,857	577,409
Overseas Visitors	No.	16,855	20,945	32,372	36,907
Canadian Residents Returning From the U.S.	No.	385,173	406,517	436,965	492,377
Visitors to National Parks:					
Banff (East Gate)	No.	2,297,275	2,465,856	2,483,526	2,696,989
Elk Island	No.	304,984	313,800	317,942	306,420
Jasper (East Gate)	No.	1,285,298	1,365,604	1,491,431	1,623,001
Waterton Lakes	No.	520,321	554,627	485,276	540,177
TOTAL	No.	4,407,878	4,699,887	4,778,175	5,166,587

ACKNOWLEDGEMENTS

Statistics appearing in this publication have been abstracted and reproduced from various Statistics Canada publications; from compilations prepared in various Departments of the Alberta Government; and from other reliable sources.

NOV 21 '74

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